PHILIP MORRIS U. S. A.

INTER-OFFICE CORRESPONDENCE

RICHMOND, VIRGINIA

To: Mr. J. E. Wickham Date: June 16, 1975

From: R. M. Wiley

Subject: Coal Strength Study - Progress Report

Several of the experimental coal strength tests designed to evaluate the coal strength test have been completed (reference letter from R. M. Wiley to J. E. Wickham, "Coal Strength," dated June 4, 1975). The remaining tests will be completed when the samples are available.

The data on the tests are given in the attached tables. The test data indicate the following:

A. Effect of Cigarette Length

1. Marlboro 100 and Saratoga 120 cigarettes appear to lose more coals when cut to 85 mm length as shown in Table I.

B. Effect of Filter Construction

1. Filter cigarettes made with hard (plastic) tips appear to lose no more coals than cigarettes with regular filters as shown in Table II.

2. The Marlboro 100 cigarette with the filter cut off has a coal removal similar to the regular Marlboro 100 (Table I).

C. Effect of Circumference

1. A 0.1 mm difference in circumference does not influence the coal removal of Multifilter as shown in Table II.

Source: https://www.industrydocuments.ucsf.edu/docs/xhpk0001

D. Effect of Oven Volatiles

1. Parliament 100 and 85 mm cigarette filler equilibrates similarly (Table II).

The coal strength tests of the influence of cigarette length, filter construction and blend exchange (Multifilter with Marlboro blend vs. Marlboro with Multifilter blend) will be repeated using different samples.

R. M. Wiley 16mm

RMW:gmm

cc: Mr. F. E. Resnik
Mr. R. N. Thomson
Dr. W. F. Gannon
Mr. J. S. Osmalov
Mr. E. M. Schaaf
Mr. B. A. Soyars
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Attachments (2)

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Source: https://www.industrydocuments.ucsf.edu/docs/xhpk0001